The Risk Chain

Threat Agents → generate → Attacks → create → Security Breaches → cause → Disruptions → lead to → Damage

Figure 1

Countermeasure Classification

Figure 2
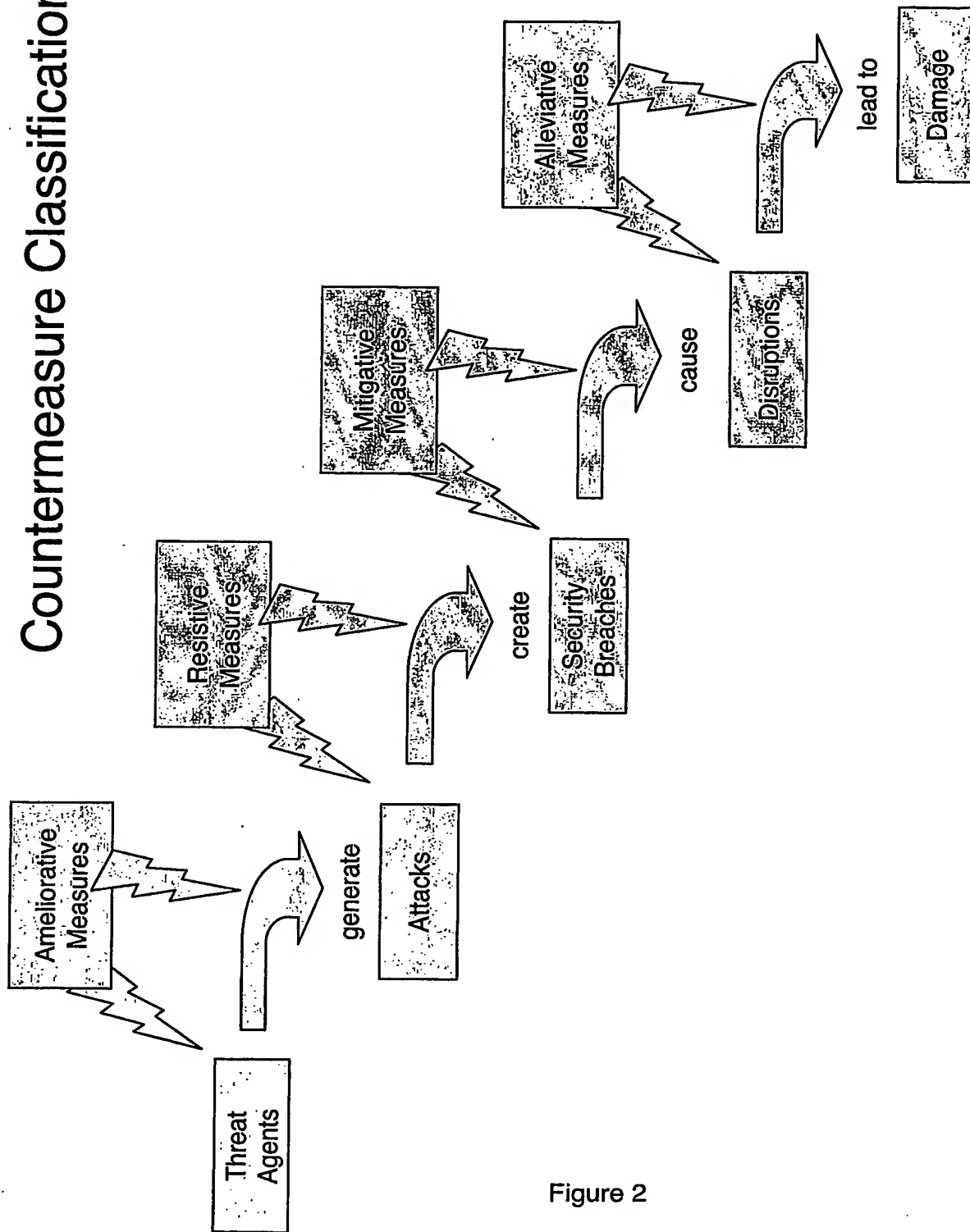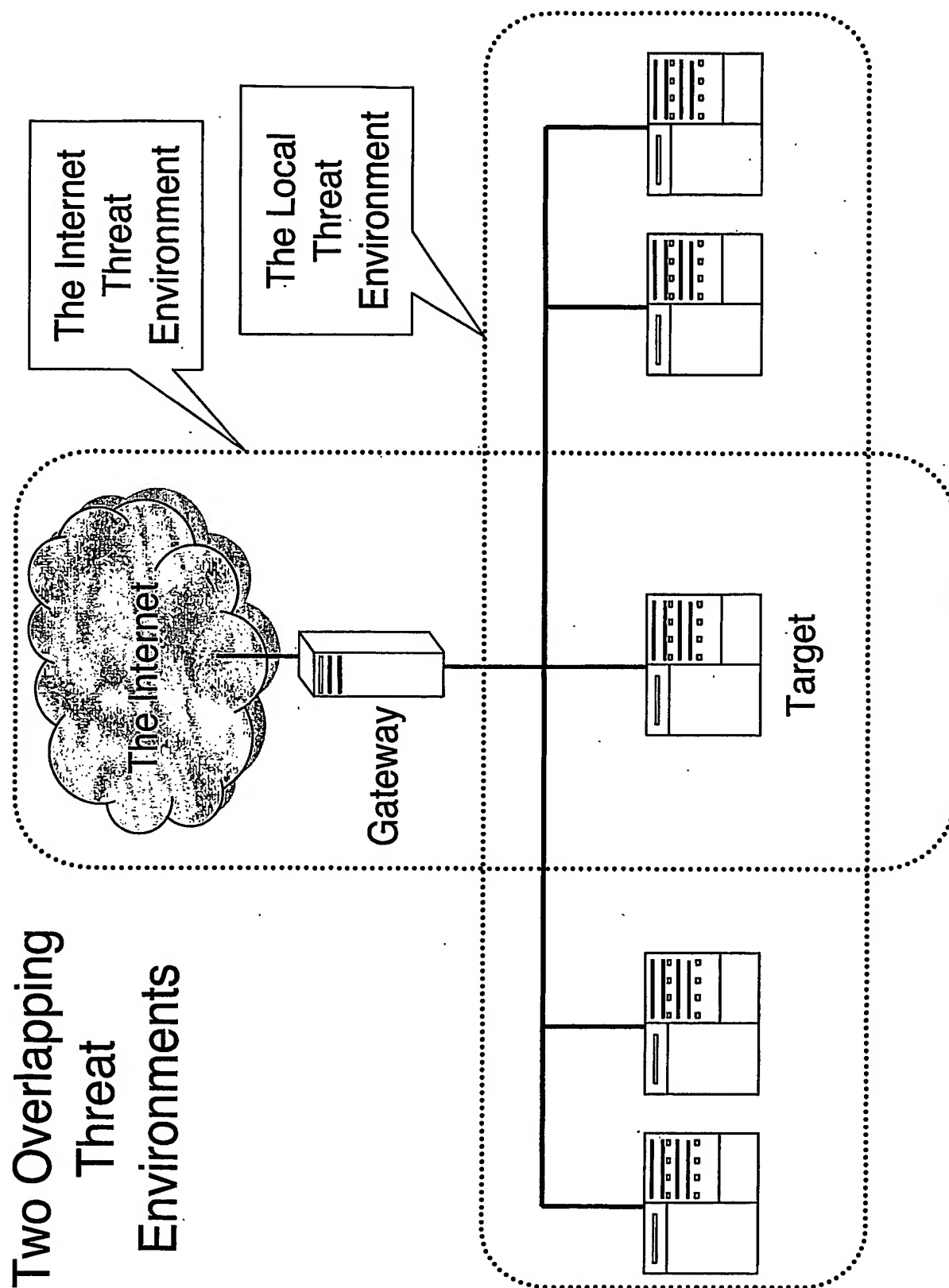
The Internet
Threat
Environment

The Local
Threat
Environment

The Internet

Gateway

Target

Two Overlapping
Threat
Environments

Figure 3
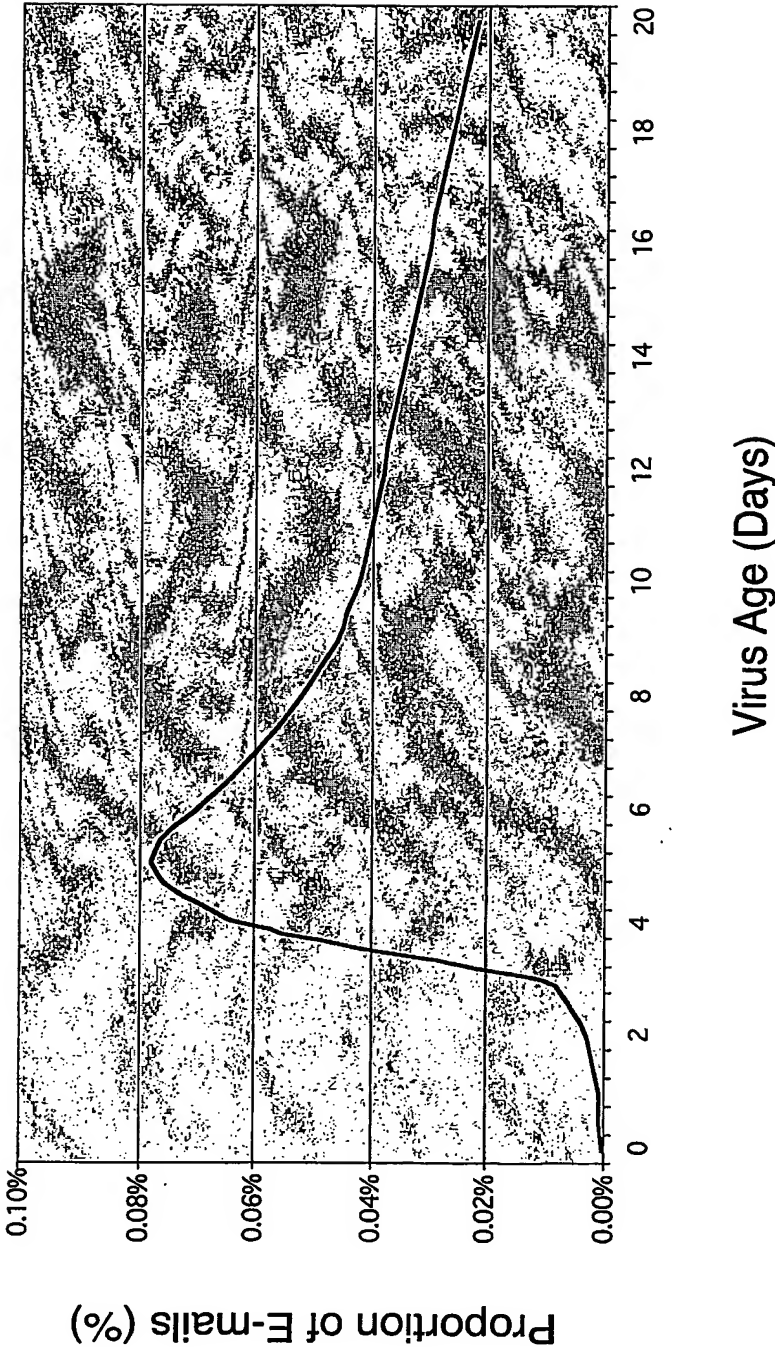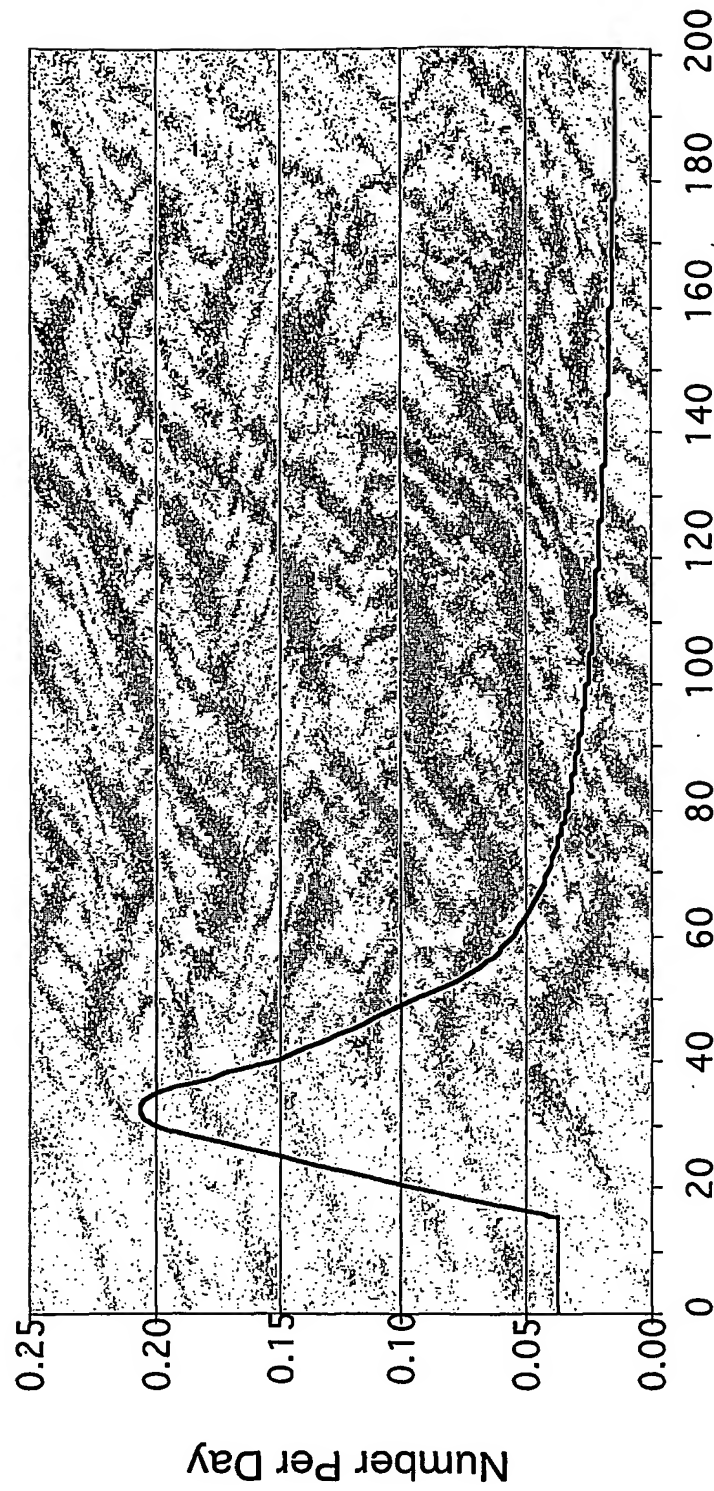
Figure 4

Figure 5

The Scenario for Example 1

Virus Infection

AV Software

Virus Exposure

The Internet

Desktop PC
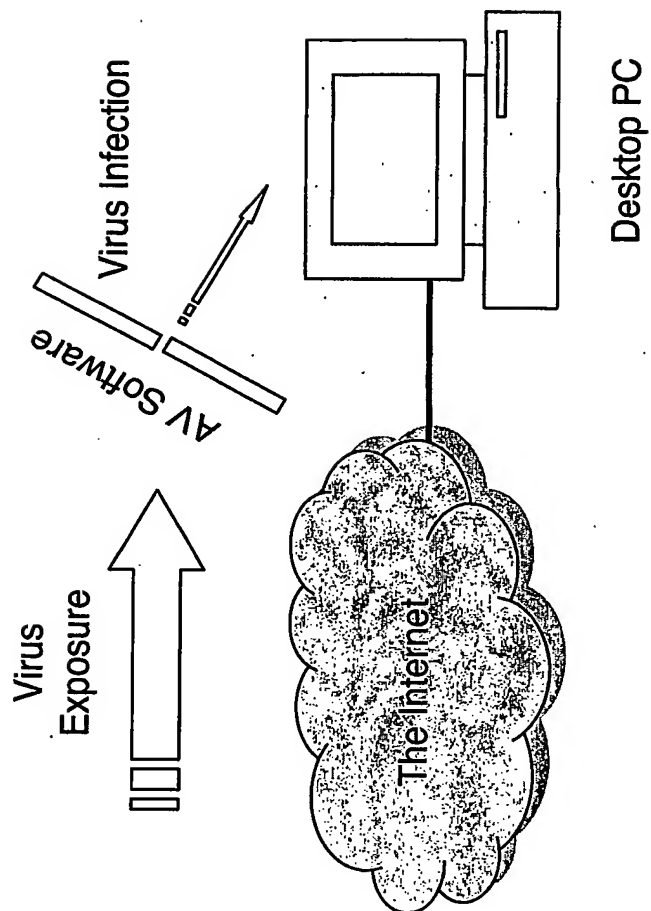
Figure 6

The Resistance Function for Example 1

T_{Vendor}

$T_{Vendor} + \beta$

α

$R(\alpha,\beta)$

1

0.5

0
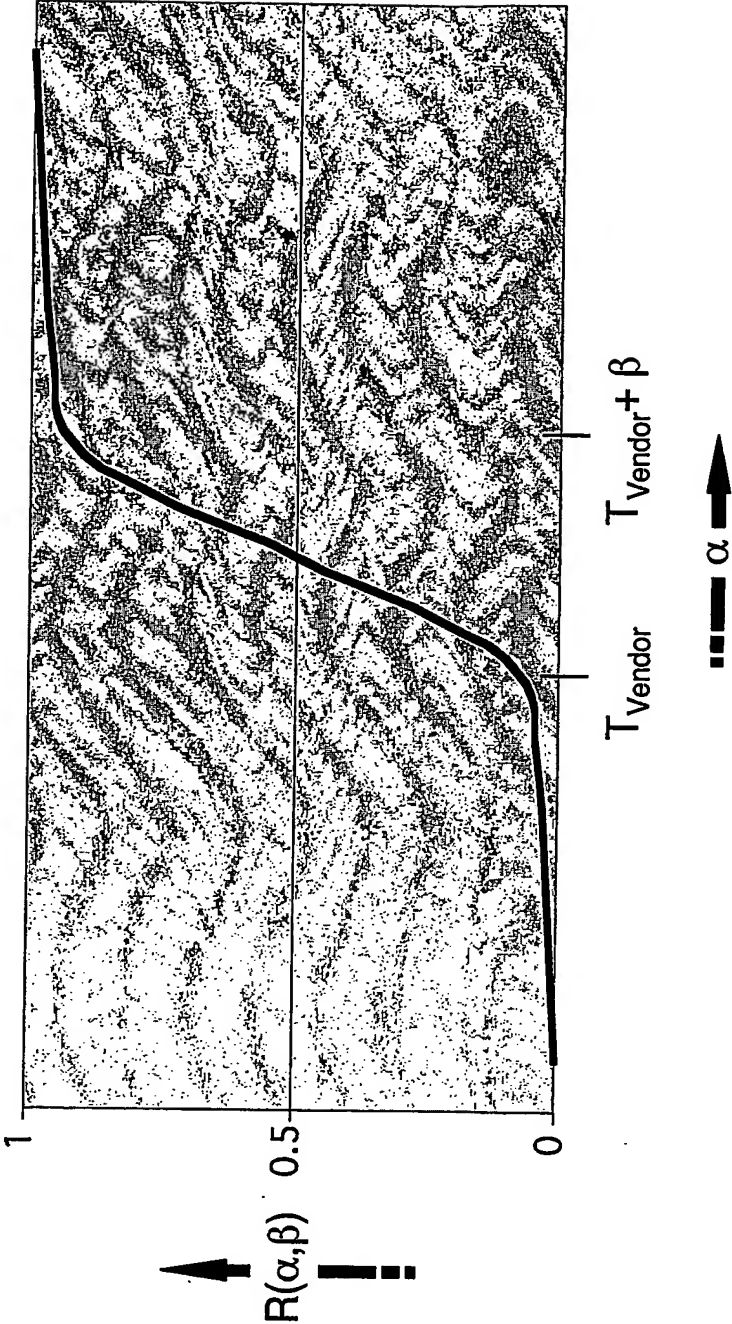
Figure 7

The Parent Threat Profile for Example 1

Figure 8

Figure 9

Figure 10

Probability of a criminal being prepared to commit a crime as a function of the (interval between their lawlessness and the) degree of criminality of the crime

Figure 11

Probability of a Member of Staff passing Security Vetting as a Function of their Degree of Lawlessness (Threshold Value = 5)
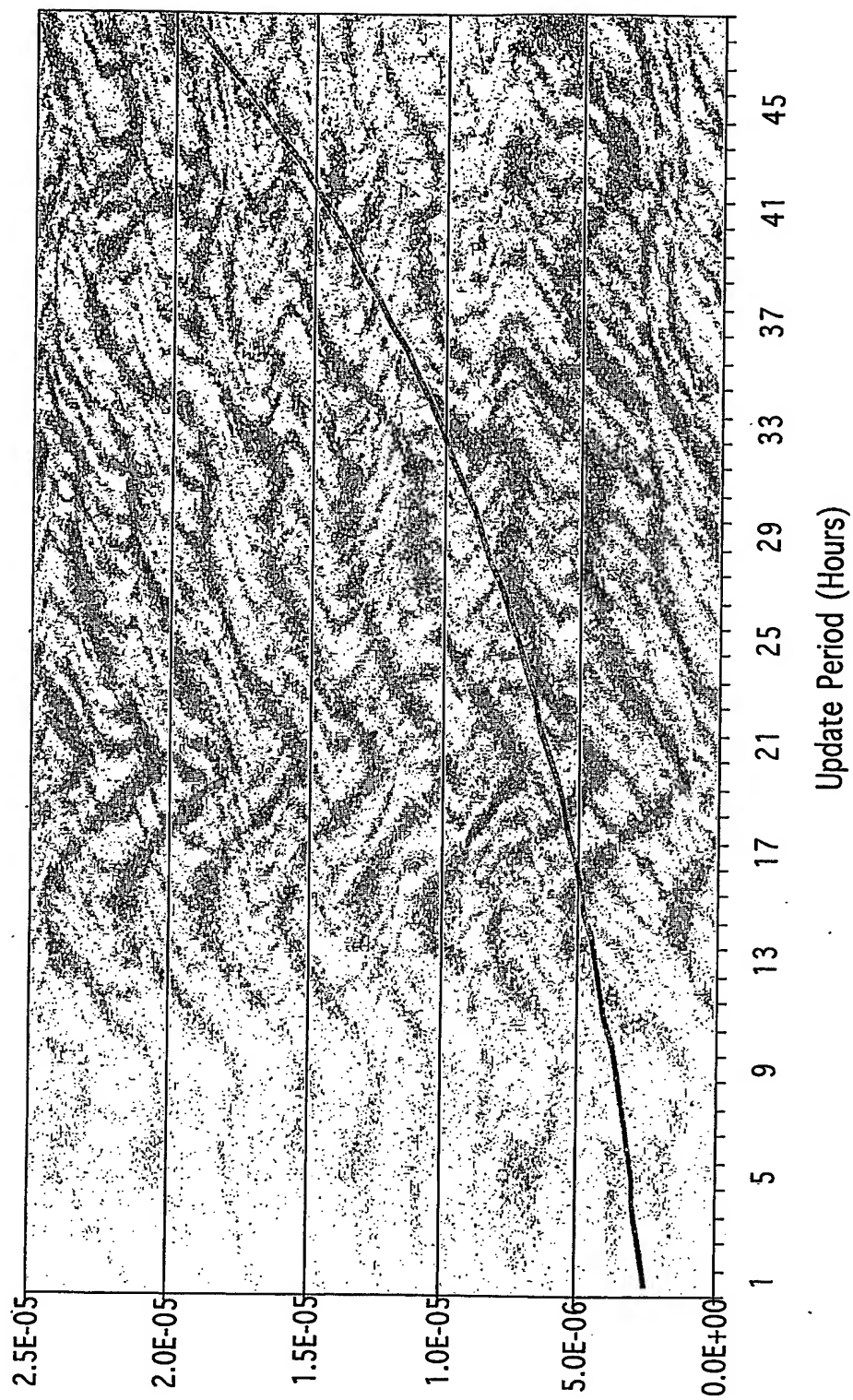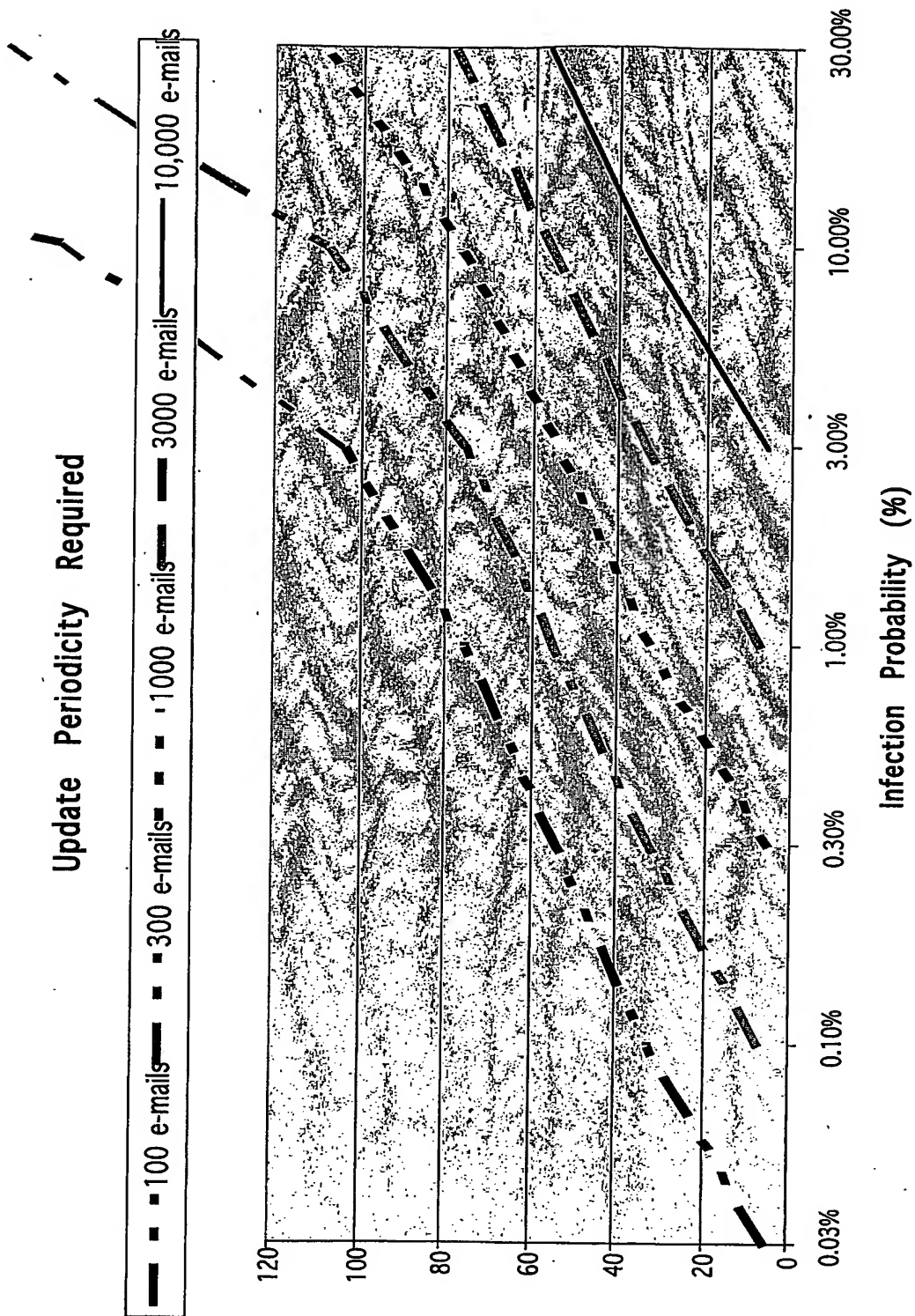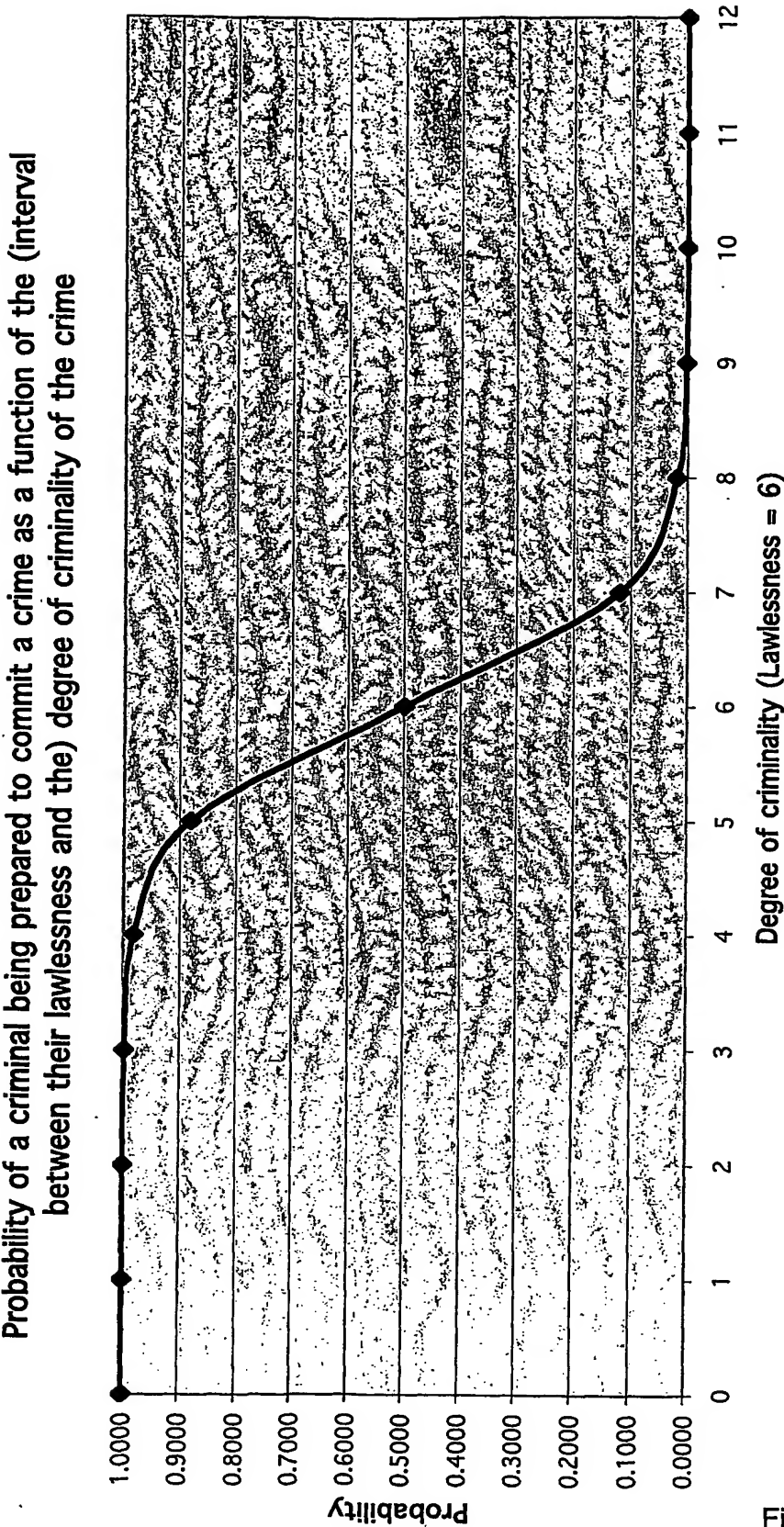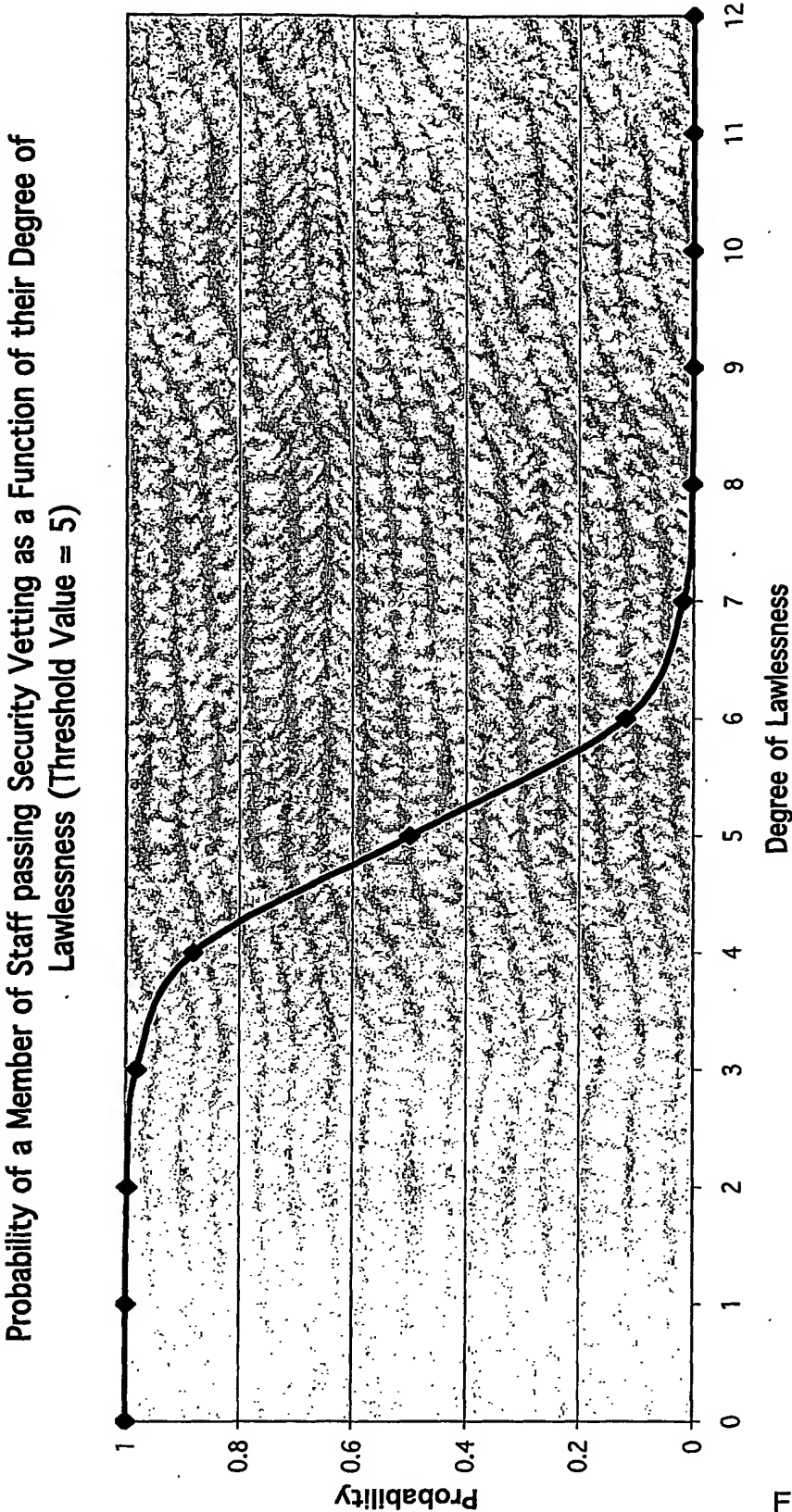
Figure 12

Percentage of the Staff Population with a Given Intrinsic Tendency Towards Lawbreaking

Figure 13